Recreational Use Attainability Analysis

Cover Sheet

Water Body Name: Wamsley Creek
Water Body Identification #: _OSOS
Completed UAA Checklist:
G Pre-Field Preparatory Data Sheet
G Maps with actual survey sites marked G Data Sheet A
G Data Sheet A – 3 of 3 pages for each site
o Number of Sites: 6
G Data Sheet C (if applicable)
O Number of Interviews:
G Photographs
o Quantities
■ Upstream <u></u>
Downstream 7
■ Other <u>\2</u>
I, the undersigned, hereby affirm to the best of my knowledge, that all information reported in this UA is true and accurate.
Signed: Jessela Crowlf
Printed Name: Sessica Crowley Telephone #: 410 - 356 - 8993
Organization: Tetra Tech (ne Position: Scientist

<u>Pre-Field Preparatory Data Sheet</u> <u>for Recreational Use Stream Surveys</u>

Water Body Name: wantley Conform USGS 7.5' quad)	rek
8-digit HUC: \ ひみおいし	Missouri Water Body Identification (WBID) #:
County: Dekalb	
Upstream Legal Description:	
Downstream Legal Description:	
Discharger Facility Name(s): Rockio	and Gern MHUIIOR
Discharger Permit Number(s): WC Cla	23960
Weather Conditions for Past 7 days:	
· · · · · · · · · · · · · · · · · · ·	nny, warm, 83°F

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

Date: 7 / 23 / 06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name: Warnsley (reek

WBID #: 0505

Upstream Coordinates: 39 82179
(WGS 84, ddd.ddddd) 94 22063

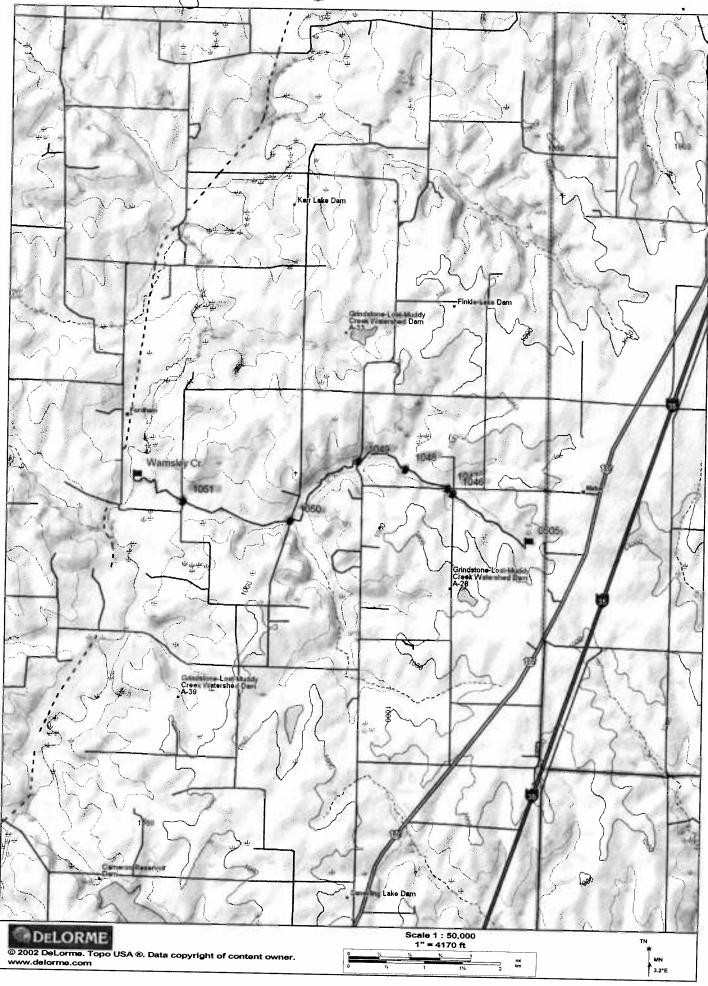
Downstream Coordinates: 39 81990°
(WGS 84, ddd.ddddd) -94.26197

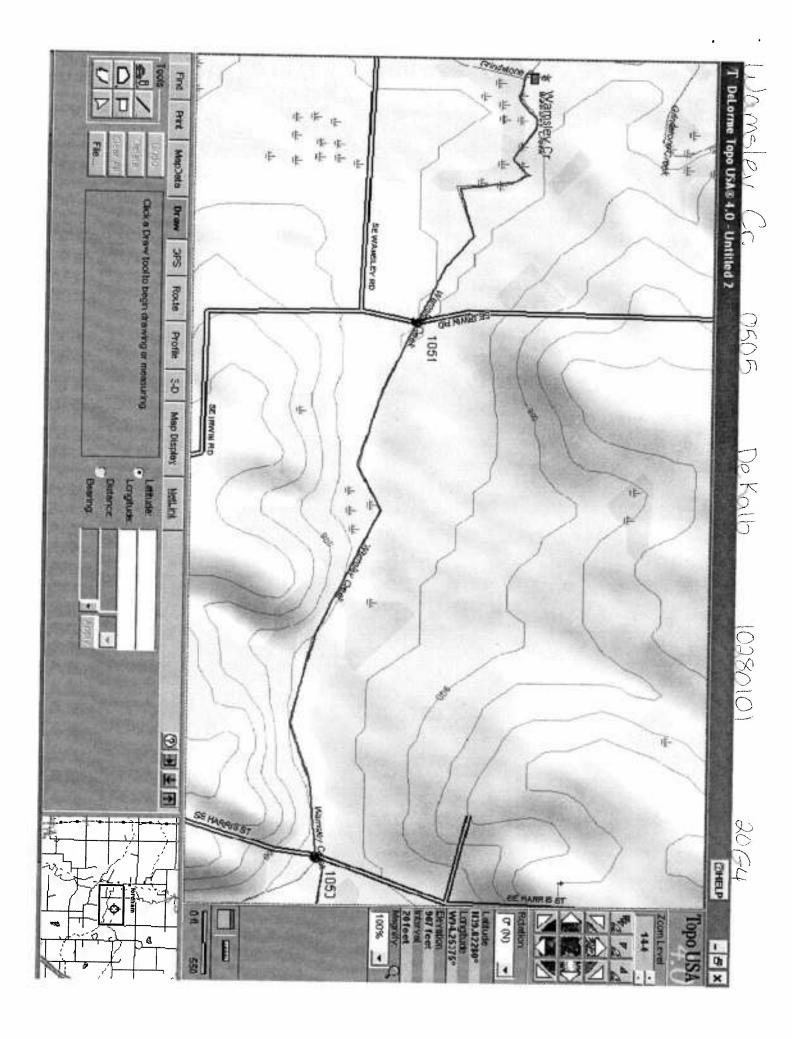
Current Weather Conditions: Sanny warm \$30F

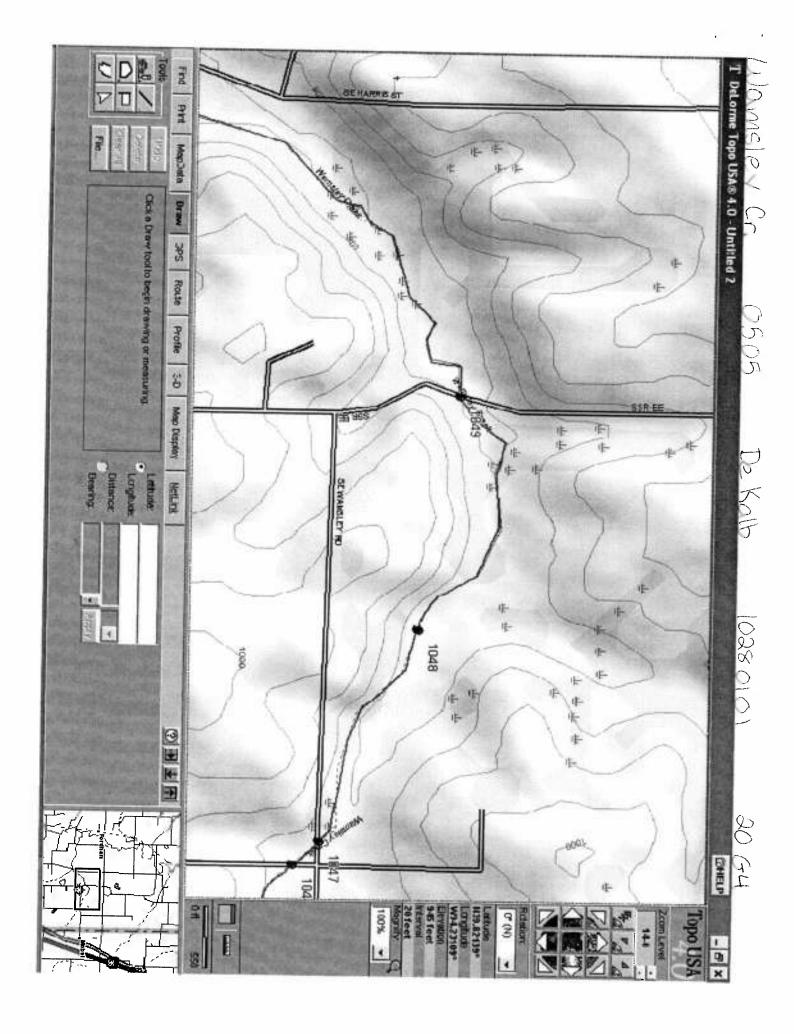
Number of Sites Evaluated: 6

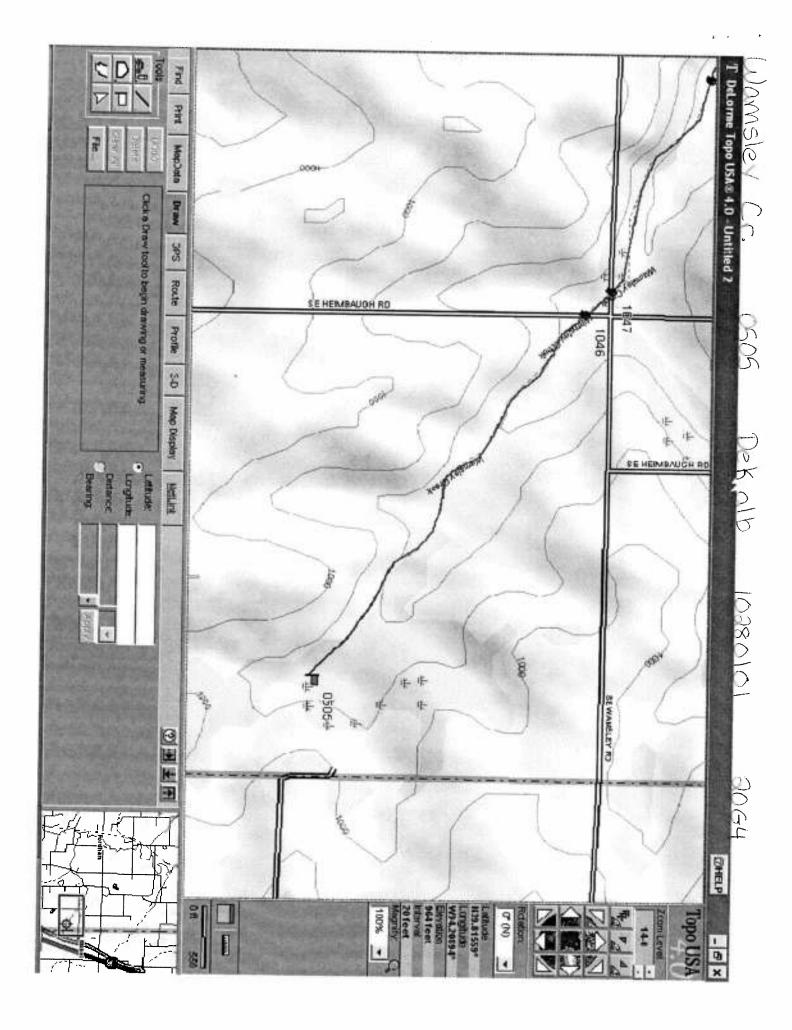
Name(s) of Surveyor(s): 08,50

Warnstey (r. 0505









WBID	# <u>0505</u>	Site #	1051
D 4	7 ,00 ,	<u>~</u>	

Date: 7 / 23/06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):		- Shoot B must be complete		
Longitude (ddd dddd)	21.01789		Arrival Time:	
Longitude (ddd.dddd): Photo Ids: Upstream:	-44.2619	lo	1030	
-	1.			32 6000
11 33	>	#30	#31 4	Les de
Jarrativa Doganimai	- CY			32 Firewor Heep Slope
G Q Cool	Of Location: (De	escribe access point to stream, ne	earby roads, landmarks, etc	.)
Book	pricege	crossing		
urrounding Conditioners of interest.)	ns*: (Mark all that	promote or impede recreational	uses. Attach photos of evid	ence or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	
☐ Boating accesses	☐ State parks	□ National forests		☐ Campgrounds
☐ No trespass sign	☐ Fence	Steep slopes	☐ Nature trails	☐ Stairs/walkway
		ca steep stopes	☐ Other:	
uman Uses Observed	*:			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing		
Describe: (include number	er of individuals reci	reating, frequency of use, photo-	documentation of evidence	of recreational uses, etc.
idence of Human Use	·*:			
☐ Roads	☐ Foot paths/print	s Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	
Other: Firewo	rkg		1 = 112 Discharge	☐ Fishing Tackle
urces of Pollution: (e.g	., trash dumping, tir	es, drainages, discharges, etc.)		

	<u> 73/06</u>				
	Data	a Sheet B - Site Ch	aracterization – 2	of 3	
eam Mor Upstream	phology: View Physical Din	nensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□ Riffle					
Run					
~_/	_				
Pool	61	, 3	7	.2	.3
Pool Flow	Present?	3 N No	Velocity (ft/sec):	.2	she flag
Flow		-	Velocity (ft/sec):	.2 NO measur On	
Flow	Present?	-	Velocity (ft/sec): Length (m)	Avg. Depth (m)	able floor
Flow	am View Physical D	Dimensions:	T .	T	
∀Flow Downstrea	Distance from access point (m)	Dimensions:	T .	T	able floor
Flow Downstrea	am View Physical D	Dimensions: Width (m)	Length (m)	Avg. Depth (m)	able flou
Flow Downstrea Riffle Run	Distance from access point (m)	Dimensions:	Length (m)	Avg. Depth (m)	Max Depth (m)
Flow Pool Flow Flow	Distance from access point (m) Present? Yes	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle ☐ Run ☐ Pool ☐ Flow Strate*: (Distance from access point (m) Present?	Width (m) Width (m) No Lup to 100%.)	Length (m)	Avg. Depth (m)	Max Depth (m)

W	ater Characteri	stics*: (Mark a	ll that apply.)		,	
	Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	□ Other:
	Color:	□ Clear	☐ Green	□ Gray	☐ Milky	
	Bottom Deposit:	□ Sludge	□ Solids	Fine sediments		Other: Drownish
	Surface Deposit:	□ Oil	Scum	☐ Foam	□ None	Other:

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WBID #_	<u>0505</u> Site#_	1051
Date:	1 23 06	

Data Sheet B - Site Characterization - 3 of 3

-

Date: 7/33/06

Field Data Sheets for Recreational Use Stream Survey

Data Sheet C – Interviews (Make additional copies as passesses for the line in the line i						
(Make additional copies as necessary for multiple interviews) 1. Do you live in the area? ✓ Yes □ No If so, how long have you lived here? 70 type ✓						
2. Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No If so, please check ALL that apply:						
	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:		
3. Have you obs	How often do you use it for recreation? G More than 5 times per year G 1-5 times per year G Less than 1 time per year – please describe: 3. Have you observed others using this water body for recreation since 1975? Yes No If so, please check ALL that apply:					
	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe:						
4. Additional Co	mments:					

Contact Information (if willing to provide):

Name:

Address: Telephone #:

Declined to provide Name

WBID #<u>0505</u> Site # <u>10.50</u>

Date: 7 / 23/06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):	39.8170		Arrival Time:	
Longitude (ddd.dddd)	-94. 244	17	1100	`
Photo Ids: Upstream	1:	Downstream:	Other:	<u>)</u> 2 <i>2</i>) 1 ;
#37		#34,#36	#3610	38 trush
Narrative Descriptio	n of Location: (De	escribe access point to stream, ne	earby roads, landmarks, ato	\
@ a	road 16	oridge crossiv	29	.)
urrounding Conditi	ons*: (Mark all that	promote or impede recreational	uses. Attach photos of evid	ence or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slopes	☐ Other:	Stans/ walkway
luman Uses Observe	d*:			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	П W-41-
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Water skiing ☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing		
		reating, frequency of use, photo-	documentation of evidence	of recreational uses, etc.
vidence of Human Us	se*:			
□ Roads	☐ Foot paths/print	s	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:			8	
urces of Pollution: (e	.g., trash dumping, tire	es, drainages, discharges, etc.)		
		,		

	Data	Sheet B - Site Ch	aracterization – 2	of 3	
eam Mor _l U pstream	phology: View Physical Dim	ensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m
□ Riffle					
□ Run					
Pool	15	, 5	15	.5	.55
Flow	Present?	No	Valority (ft/z)		be flow
	V. D		V	no masura	HE FLOW
A ***** - 4		imensions			
ownstrea	m View Physical D	incusions.	1		
Downstrea	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
Oownstrea □ Riffle	Distance from		Length (m)	Avg. Depth (m)	Max Depth (m)
	Distance from		Length (m)	Avg. Depth (m)	Max Depth (m)
Riffle	Distance from		Length (m)	Avg. Depth (m)	Max Depth (m)

	\$5 - 7 - 23 - 06 /0 Sht /0 Wide/Clay	% Bedrock
A c	quatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.)	
	lots of algae and agreet is up a a disk.	000

Water Characteristics*: (Mark all that apply.) Odor: ☐ Sewage ☐ Musky ☐ Chemical ☑ None ☐ Other: Color: ☐ Clear ☐ Green A Gray ☐ Milky ☐ Other: Bottom Deposit: ☐ Sludge □ Solids Fine sediments □ None \square Other: Surface Deposit: □ Oil □ Scum ☐ Foam None

☐ Other:

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WBID	# <u>Q</u> 5	<u>ias</u>	Site #	1050
Date	11	22/	2/0	

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	
	-

WBID # <u>0505</u> Site # <u>1050</u>

Date: 1/23/06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

2. Have you pe	ersonally used the	is water body for rethat apply:	ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you ob		ing this water body	lease describe:	
☐ Swimming	☐ Skin diving	SCUBA diving	☐ Tubing	D W1''
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Water skiing ☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:
(G More than $1-5$ times G Less than $1-5$	time per year – pl	For recreation?	
4. Additional Co	omments:			

Address:

Telephone #:

WBID #	505	Site #	1049
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Date: 7/03/06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):	29 02617		Arrival Time:	
Langitude (ddd dddd):	5(.905)	L		
Longitude (ddd.dddd):	94. 2546°	7	0611	
Photo Ids: Upstream:		Downstream:	Other:	steep slopes
#40)	#39	#4)	such 20ts >
		scribe access point to stream, ne		.)
@ 0	paved	road crossn	ng	
		promote or impede recreational u		lence or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☑ Steep slopes	□ Other:	
Human Uses Observed	k .			
	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:
Describe: (include numbe	er of individuals rec	reating, frequency of use, photo-	documentation of evidenc	e of recreational uses, etc.)
Evidence of Human Use	·*•			
☐ Roads	☐ Foot paths/prin	ats Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:				
Sources of Pollution: (e.g	g., trash dumping, ti	res, drainages, discharges, etc.)		

	T				
	Data	Sheet B - Site Cha	aracterization – 2 (of 3	
eam Morj Upstream	phology: View Physical Dim	ensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
□ Run					
□ / Pool	10	11.(3	·a	35
√ Flow	Present?	No	Velocity (ft/sec): No	measurable f	Par da
Downstrea	Distance from access point (m)	imensions: Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□ Riffle					
□ Riffle □ Run					
	5	/ 15	3	.2	35
Run	Present?	1.5 QNo		· 2	·35
Run Pool Flow	Present?	No No		·2 o mosarable	35 Flow
Run Pool Flow ostrate*: (Present?	No up to 100%.)	Velocity (ft/sec):		<u> </u>
Run Pool Flow ostrate*: (Present?	No up to 100%.)	Velocity (ft/sec):	· 2 O macarable Silt % Mud/Clay	

☐ Foam

☐ Chemical

☑ Fine sediments

☐ Gray

M None

☐ Milky

□ None

☑ None

☐ Other:

☐ Other:

☐ Other:

☐ Other:

Water Characteristics*: (Mark all that apply.)

□ Sewage

√ Clear

□ Oil

☐ Sludge

☐ Musky

☐ Green

☐ Solids

☐ Scum

Odor:

Color:

Bottom Deposit:

Surface Deposit:

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WBID # 0505 Site # 1049

Date: 7 / 33/06

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).
upatream portion of channel was dry

WBID #_	0505 Site # 1049
Date: 7	122100

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live i		Yes □ No	sary for muniple inter	views)
2. Have you per If so, plea	rsonally used the	is water body for re hat apply:	ecreation since 1975?	□ Yes □ No .
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you obs	G 1 – 5 time G Less than ————served others us	5 times per year s per year 1 time per year – p	lease describe:	7
Swimming □ Swimming	use check ALL t	hat apply: ☐ SCUBA diving	☐ Tubing	[] W-41::
☐ Wind surfing	☐ Kayaking	☐ Boating	Wading	☐ Water skiing ☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
(G More than $1-5$ times		for recreation? ease describe:	
4. Additional Co	omments:			
Contact Informa	ation (if willing	to provide):		

Address:

Telephone #:

WBID	#_	<u>0505</u> Site#_	1048
_	_	.02 .51	

Date: 7/23/06

Field Data Sheets for Recreational Use Stream Surveys

r.	\sim
1.1	- 3
	3

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):				
,	39.825	3	Arrival Time:	
Longitude (ddd.dddd):	-94.236	30	1130	
Photo Ids: Upstream:		Downstream:	Other:	
#43)_	#43		
rrative Description	of Location: (De	scribe access point to stream, nea	arby roads, landmarks, etc.)	
≈30	om upod	from from 31 1-23-44	site# (04	
rrounding Conditions of interest.)	ons*: (Mark all that p	promote or impede recreational u	uses. Attach photos of evide	ence or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slopes	☐ Other:	
man Uses Observe				
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
Wind curfing	☐ Kayaking	☐ Boating	□ Wading	Rafting
☐ Wind surfing			I/	
☐ Hunting	☐ Trapping	☐ Fishing reating, frequency of use, photo-	None of the above	of recreational uses, etc.
☐ Hunting		☐ Fishing reating, frequency of use, photo-		
☐ Hunting Describe: (include num	ber of individuals rec			
☐ Hunting Describe: (include num	ber of individuals rec	reating, frequency of use, photo-		of recreational uses, etc
☐ Hunting Describe: (include num	ber of individuals rec	reating, frequency of use, photo-	documentation of evidence	

Date: 41 33/06

Data Sheet B - Site Characterization - 2 of 3

	Distance from access point (m)	Width (m)	Length (m	1)	Avg. Depth (m)	Max Depth (m)
□ Riffle						
Run						
D Pool	10	12	5		.2	.3
√ Flow	Present?	No No	Velocity (ft/sec	e): MO	mrasusah	e flour
Darrimatura	. X7: Db 1 1					
Downstream	Niew Physical I Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□ Riffle					707	
□ Run						
□ Pool						
Flow	Present?	Ŋ/No	Velocity (ft/sec	;): han u	neggirable	Facilian.
				100		
ıbstrate*: (Ti	nese values should ad	d up to 100%.)				cha
ibstrate*: (Ti	nese values should ad		% Sand	% Silt	% Mud/Clay	'cha
20 % C	obble % (% Sand	% Silt	% Mud/Clay	'cha
quatic Vegeta	ation*: (Note amoun	Gravel GD 9	% Sand	% Silt	% Mud/Clay	'cha
quatic Vegeta	ntion*: (Note amoun	Gravel GO 9 It of vegetation or algorithms apply.)	% Sand	% Silt	% Mud/Clay	'cha
uatic Vegeta	eristics*: (Mark al	Stravel & Sorring of the strategy of the strat	6 Sand at the asse	% Silt	% Mud/Clay	'cha
quatic Vegeta ater Charact	eristics*: (Mark al	that apply.) Green	% Sand at the asse	% Silt	% Mud/Clay	'cha

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WBID # <u>0505</u> Site # <u>1048</u>

Date: <u>1 / 33/06</u>

Data Sheet B - Site Characterization - 3 of 3

mments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local ditions, problems in measuring, site relocation).
Down Stream portron of channel

WBID # <u>0505</u> Site # <u>1048</u>

Date: 7/23/06

Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live i		Yes □ No lived here?					
	rsonally used thi		ecreation since 1975?	□ Yes □ No			
☐ Swimming	☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Water skiing						
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
	How often do you use it for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation since 1975? No						
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
	How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe:						
4. Additional Comments:							
Contact Information Name: Address:	ation (if willing	to provide):					

WBID #_	0505	_Site#	1047
Date: 7	173/6	Ko	

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):	39.8309		Arrival Time:			
Longitude (ddd.dddd):	3066.492	3	1140			
Photo Ids: Upstream:		Oownstream:	Other: # 4	Other: #47 Fence as #45 Fence as		
#46		*44	* 45) Fence as		
T	CT /					
arrative Description	or Location: (Des	scribe access point to stream, nea	rby roads, landmarks, etc.)			
@	a road c	nossing				
Surrounding Condition	18*: (Mark all that r	promote or impede recreational u	ses. Attach photos of avida	nce or unusual		
ems of interest.)	- (want an that p	mornote of impede recreational u	ses. Attach photos of evide	nce of unusual		
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	Fence	☐ Steep slopes	□ Other:			
Iuman Uses Observed	*:					
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	□ Other:		
Describe: (include numb	er of individuals rec	reating, frequency of use, photo-	documentation of evidence	of recreational uses, etc.)		
			•			
				-		
vidence of Human Us	e*:					
☐ Roads	☐ Foot paths/prin	ts Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks		
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle		
☐ Other:						
ources of Pollution: (e.	g., trash dumping, ti	res, drainages, discharges, etc.)				
				ş		
<u> </u>						

WBID #_0505_Site #_1047

☐ Clear

☐ Sludge

□ Oil

Bottom Deposit:

Surface Deposit:

☐ Green

□ Solids

□ Scum

Date: 1 / 23/06

Data Sheet B - Site Characterization - 2 of 3 **Stream Morphology: Upstream View Physical Dimensions:** Distance from Width (m) Length (m) Avg. Depth (m) Max Depth (m) access point (m) ☐ Riffle □ Run □/Pool 🗹 Flow Velocity (ft/sec): Present? ☐ Yes **Downstream View Physical Dimensions:** Distance from Width (m) Length (m) Avg. Depth (m) Max Depth (m) access point (m) □ Riffle □ Run □ Pool Velocity (ft/sec): ☑ Flow ☐ Yes Present? Substrate*: (These values should add up to 100%.) N % Cobble % Gravel % Sand % Silt % Mud/Clay % Bedrock Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.) Water Characteristics*: (Mark all that apply.) N Odor: ☐ Sewage ☐ Musky ☐ Chemical □ None ☐ Other: Color:

☐ Gray

☐ Foam

☐ Fine sediments

☐ Milky

□ None

☐ None

☐ Other:

☐ Other:

☐ Other:

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # <u>0505</u> Site # <u>1047</u>
Date: <u>1 / 33/ 06</u>

Data Sheet B - Site Characterization - 3 of 3

Comn condition	ients: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local ns, problems in measuring, site relocation).
	8
	Hoth upstream and downstram reaches
	had dry channels
-	

WBID	# <u>_</u> (<u>Y</u>	505 Site #	1047
Date:	1	/_	23/06	_

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live i		Yes □ No	ary for multiple interv	views)			
2. Have you per If so, plea	rsonally used thi	s water body for re hat apply:	creation since 1975?	□ Yes □ No			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
3. Have you obs	How often do you use it for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation since 1975? □ Yes □ No						
	se check ALL t		T	<u> </u>			
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	□ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:			
How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe:							
4. Additional Co	omments:						
Contact Informa	ation (if willing	to provide):					

Address:

Telephone #:

Date: 1 / 83/06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd):	39.82130					
Longitude (ddd.dddd):	-911 2000	>		Arrival Time:		
Photo Ids: Upstream:	17.01440	Down	octream.		75	
#uq		7	FA2 # C/	Other: #40	1 ATV trail	
L (D			05 "54.	Differer \$5	0 bench	
Longitude (ddd.dddd): Photo Ids: Upstream: \$49 Narrative Description	of Location: (De	scribe	e access point to stream, nea	#5) arby roads, landmarks, etc.	+ree house	
@ 0 10	oad cros	5	h P			
Surrounding Condition items of interest.)				ses. Attach photos of evide	ence or unusual	
☐ City/county parks	☐ Playgrounds		MDC conservation lands	☐ Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks		National forests	☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	₩ Fence		Steep slopes	Other:		
Human Uses Observed	*:					
	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking		☐ Boating	□ Wading	Rafting	
☐ Hunting	☐ Trapping		☐ Fishing	DIN COL		
Describe: (include number	Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)					
Evidence of Human Use	*:				·	
☐ Roads	☐ Foot paths/print	s	☐ Dock/platform	☐ Livestock Watering	RV / ATV Tracks	
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle	
Other: benu	n by 540	za	m / tree how			
Sources of Pollution: (e.g	., trash dumping, tir	es, dra				

Date: 1/83/06

Data Sheet B - Site Characterization - 2 of 3

tream Morpho	ology:					
Upstream Vi	ew Physical Din	nensions:	accesible	dur t	o frace	
i i	Distance from access point (m)	Width (m)	Length (1	Avg. Depth (m)	Max Depth (m)
☐ Riffle						
□∧Run						
Pool	10	12	10		.3	.kj
Flow P	resent?	V No	Velocity (ft/s	ec): NO	7	
.					measural	JE TOW
Downstream	View Physical I Distance from	Dimensions: \	naciessib	e du	to fen	P
	access point (m)	Width (m)	Length (m) A	Avg. Depth (m)	Max Depth (m)
□ Riffle						
□ Run						
Pool	5	1	2		·2	्र
Flow Pr	esent?	□ No		sc). 20 O :	_ '	٠ ي
			(1000	· · · · · · · · · · · · · · · · · · ·	was wab	letlan
	se values should add	l up to 100%.)	_			
% Cob	ble % G	ravel 100	% Sand	% Silt	% Mud/Clay	% Bedroc
natic Vegeteti	on*. OL					
uatic vegetati	On : (Note amount	of vegetation or a	lgal growth at the ass	sessment site.)	
γ	none					
ter Character	istics*: (Mark all	that apply)				
Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	Π 04	
Color:	☐ Clear	☐ Green	Gray	☐ Milky	Other:	
Bottom Deposit:	☐ Sludge	□ Solids	Fine sediments		Other:	
Surface Deposit:	□ Oil	□ Scum	☐ Foam	None	☐ Other:	

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

Date: 1/33/06

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

Both upstream toown stream reaches were inassocible due to a fence so calculations were estimated.
die to Commission of the second
all to a tence of callulations, year all
Elichation with total

Date: 7 / 33/06

Field Data Sheets for Recreational Use Stream Surveys

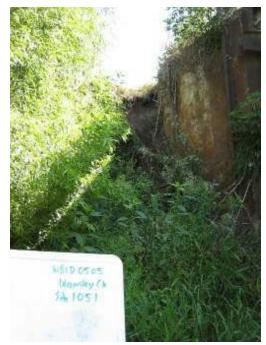
Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

1. Do you live If so, ho	in the area? Word long have you	Yes 🗆 No lived here?		,					
2. Have you pe If so, ple	rsonally used th	is water body for r that apply:	ecreation since 1975?	□ Yes □ No					
☐ Swimming	☐ Skin diving	☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Water skiing							
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	Rafting					
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:					
3. Have you obs	G 1 – 5 time G Less than	s per year s per year 1 time per year – p	lease describe:						
☐ Swimming	Skin diving	SCUBA diving	C Tubin						
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Tubing ☐ Wading	☐ Water skiing					
☐ Hunting	□ Trapping	☐ Fishing	☐ None of the above	☐ Rafting ☐ Other:					
How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe:									
4. Additional Co	mments:								
Contact Informa Name: Address: Telephone #:	tion (if willing t	o provide):							



Site# 1051 Photo ID# 33, Upstream



Site# 1051 Photo ID# 31, Steep slopes



Site# 1051 Photo ID# 30, Downstream



Site# 1051 Photo ID# 32, Fireworks



Site# 1050 Photo ID# 37, Upstream



Site# 1050 Photo ID# 36, Downstream



Site#1050 Photo ID# 34, Downstream



Site# 1050 Photo ID# 35, Trash



Site# 1050 Photo ID# 38, Trash



Site# 1049 Photo ID# 39, Downstream



Site# 1049 Photo ID# 40, Upstream



Site# 1049 Photo ID# 41, Steep slopes



Site# 1048 Photo ID# 42, Upstream



Site# 1047 Photo ID# 46, Upstream



Site# 1048 Photo ID# 43, Downstream



Site# 1047 Photo ID# 44, Downstream



Site# 1047 Photo ID# 45, Fence



Site# 1046 Photo ID# 48, Upstream



Site# 1047 Photo ID# 47, Fence



Site# 1046 Photo ID# 53, Downstream



Site# 1046 Photo ID# 54, Fence



Site# 1046 Photo ID# 50, Bench



Site# 1046 Photo ID# 49, ATV trail



Site# 1046 Photo ID# 51, Tree house



Site# 1046 Photo ID# 52, Fence